

B<sup>1</sup> 2. (Twice Amended) The rotor as claimed in claim 1, including at least two air-core coils, wherein the air-core coils are radially arranged at an angular interval and at least one air-core coil is a printed wiring air-core coil.

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B<sup>2</sup> 5. (Twice Amended) The rotor as claimed in claim 11, including wound air-core coil arrangement guide apertures and reinforcement holes on the flat commutator member, wherein the reinforcement holes and the wound air-core coil arrangement guide apertures are respectively connected through grooves.

6. (Twice Amended) The rotor as claimed in claim 11, wherein the air-core coils comprise two printed wiring air-core coils and one wound air-core coil, the air-core coils do not overlap one another, and the shaft holder and the wound air-core coil arrangement guides are integral with the flat commutator member.

7. (Twice Amended) The rotor as claimed in claim 1, comprising a tungsten alloy eccentric weight within the wound air-core coil on the second side of the flat commutator member and adhered to the flat commutator member with a resin.

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Add the following claim:

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B<sup>3</sup> 11. (New) The rotor as claimed in claim 1, further comprising wound air-core coil arrangement guides outside the shaft insertion through hole on the second side of the flat commutator member.

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